

Appln. No.: 10/521,516

Amendment dated: August 27, 2007

Reply to the Office Action of February 27, 2007

Amendment to the Abstract:

Please replace the Abstract with the following replacement Abstract on a separate sheet

following the list of claims:

REPLACEMENT ABSTRACT

Abstract of the Disclosure

An interferometric apparatus and method is provided for optical spectroscopy. The compact apparatus exhibits high spectral resolution with low demands on the quality of the optical components. The method determines the optical spectrum or other spectral properties of light. The method analyzes an interference pattern generated and measured by the apparatus.